

Installation Instructions

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS.

IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

(Failure to follow the warnings and instructions on this sheet could result in fire, injury, failure of product, and/or voiding of warranty.)

1. Do not touch luminaire while lamp is on. Turn off/unplug and allow to cool before replacing lamp.
2. Lamp gets HOT quickly! Contact only switch/plug when turning on.
3. Do not touch hot lens, body, cap, or knuckle.
4. Keep lamp away from materials that may burn.
5. Do not touch lamp at any time. Use a soft cloth. Oil from your skin may damage lamp.
6. Do not operate the luminaire with damaged or missing parts.
7. Do not install luminaire within 10 feet of a pool, spa, or fountain.
8. Have fixture installed in accordance with all applicable installation codes and standards by a person familiar with the construction and operation of the fixture and the hazards involved.
9. Use only cable properly rated for the application. Cable buried more than 6" must be suitable for direct burial. Direct burial cable may be ordered from Vision3 Lighting.
10. MO2 housing is intended for use in wet locations only and should not be used where it may become submersed in water.
11. All conduit must be properly attached to the housing and sealed at the fixture. Sealing the conduit entering each fixture prevents any leaks from traveling through the conduit system and causing catastrophic failures. **Failure to cap unused conduit entry slip fittings or seal any conduit entering the housing will void the warranty.**

Un-assemble & Inspect:

1. Unpack the MO2 Junction Mount from its shipping container. Note: The MO2 Junction Mount may be packaged partially un-assembled for ease of handling and shipping.
2. Check that there are no damaged or missing components.
3. Loosen the three Cap Set Screws in the Junction Cap using a 3/32" hex tool – **do not remove screws!**
4. Remove the Junction Cap from the Junction Body. Holding the Junction Body and twisting the Junction Cap slightly while removing reduces the risk of damaging the O-ring.

Install Junction Body In-grade:

1. At the desired location, prepare an appropriate size hole for the Junction.
2. Run conduit (not supplied) to the prepared hole. Note: Check all applicable building codes for requirements regarding conduit and wire.
3. Place the Junction Body in-grade so that the line on the grade label is at grade. Note: the MO2 Mount must not be installed such that any part of the Junction Cap will be buried or touching any soil or ground covering. Failure to keep the Junction Cap from touching the ground will void warranty and may cause rapid corrosion of metal parts.
4. Keeping the Junction Body at the appropriate level from Step 3, attach the Supply Conduit to the Conduit Entry fittings on the Junction Body using PVC cement appropriate for underground electrical conduit. Cap any unused Conduit Entry with the appropriate plug and PVC cement to prevent leaking. Seal conduit entering the Junction Body to prevent any water that may leak in to the conduit system from entering the Junction Body and causing catastrophic failures. **Note: All conduit must be sealed at the fixture. Failure to cap unused conduit entry slip fittings or seal any conduit entering the Junction Body will void the warranty.**
5. Secure the Junction Body by filling in the hole. Make sure that the proper level from Step 3 is maintained.
6. Feed enough supply wiring through the conduit into the Junction Body to facilitate connection with Driver.

Make Electrical Connections

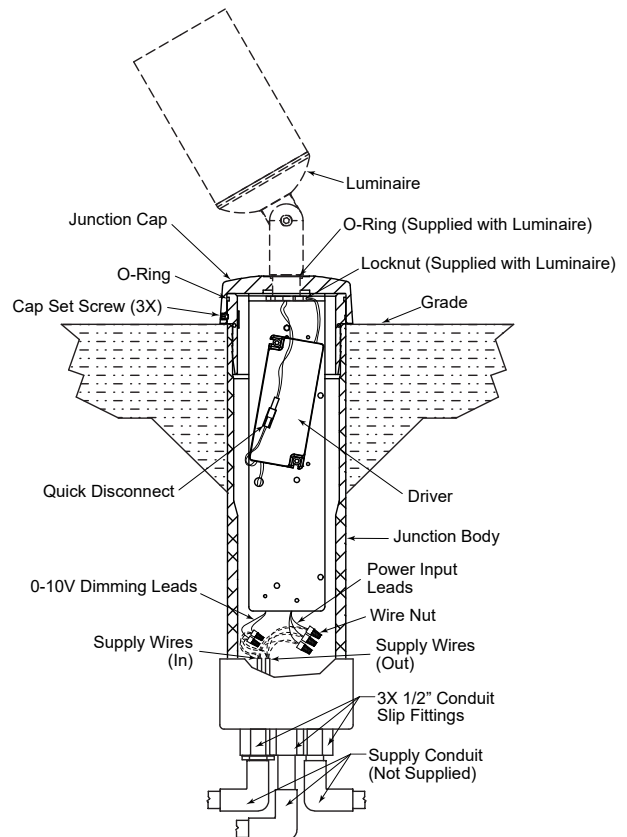
Note: Check that voltage and amperage supplied from the Supply Wire matches the requirements on the Driver's label. Also check that the amperage supplied from the Driver matches requirements on the Luminaire's label.

1. Connect the Power Module purple and pink 0-10V Dimming Leads to the dimming control wires using appropriate connectors (not supplied) per applicable codes. The 0-10V(-) control wire (typically gray or pink) should attach to the Power Module pink dimming lead. The 0-10V(+) control wire (typically purple) should attach to the Power Module purple dimming lead. If 0-10V dimming is not being used, each of the Power Module 0-10V Dimming Leads should be cut and capped separately (connectors not supplied). Note: If the 0-10V Dimming Leads are not being used, cap each lead separately. Capping the leads together or not capping the leads at all may prevent the LED from operating normally.
2. Connect the Power Module Power Input Leads to the power Supply Wires

(black, white, green to hot, neutral, ground, respectively) using appropriate connectors (not supplied) per applicable codes.

Re-assemble:

1. Carefully slip all wiring and connectors into the Junction Body.
2. Clean O-Ring and examine for any nicks or cuts (replace if needed).
3. Place the Junction Cap assembly on the Junction Body. Note: Twisting cap slightly while pushing over O-Ring will ease installation.
4. Rotate the Junction Cap to aim. Refer to Luminaire installation instruction sheet for additional aiming procedures.
5. Tighten the three Cap Set Screws using a 3/32" hex tool.



Style 5, Single Driver Option
(Shown with Single Hole Cap)

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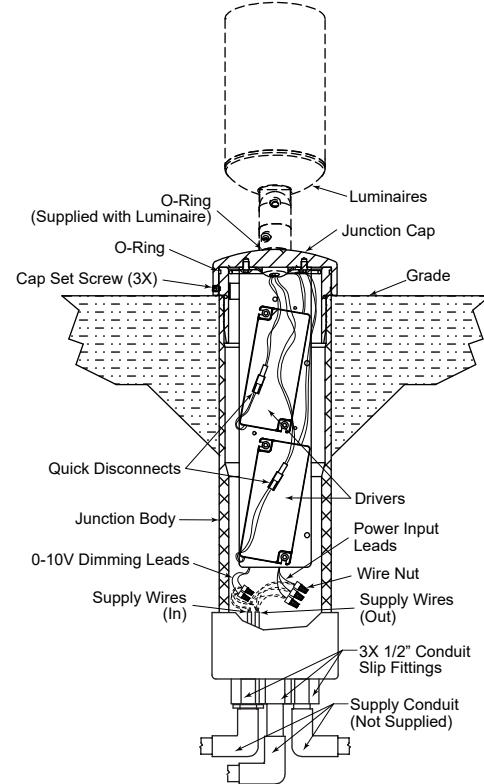
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Power Module Replacement:

Note: Power Module illustration may look different than the one you received.

1. Remove power from fixture and let cool before touching. **Caution!**
Luminaire(s) may still be hot!
2. Loosen the three Cap Set Screws in the Junction Cap using a 3/32" hex tool
– **do not remove screws!**
3. Remove the Junction Cap. Holding the Junction Body and twisting the Junction Cap slightly while removing reduces the risk of damaging the O-ring.
4. Inspect O-ring for damage. Replace if needed.
5. Disconnect power and 0-10V dimming (if any) Supply Wires from Power Module.
6. Disconnect the Quick Disconnects from Driver to Luminaire.
7. Loosen the two screws holding the Power Module Bracket to the Junction Cap and remove the Power Module – **do not remove screws!**
8. Install the new Power Module and tighten the two screws.
9. Reconnect the Quick Disconnects from the Driver to Luminaire.
10. Make appropriate wire connections as explained in Make Electrical Connections steps 1 & 2 above.
11. Reinstall the Junction Cap to the Junction body as explained in Re-assemble steps 1 thru 5 above.



Style 5, Dual Driver Option
(Shown with Dual Hole Cap)

